

CLAIMS

What is claimed is:

1. A back cartridge coupling structure, used in a handheld data processor, the processor comprising a body and a back cartridge, wherein the body comprises a connector slot disposed in a coupling face thereof, and the back cartridge comprises a connector corresponding to the connector slot and disposed on a coupling face thereof, the coupling structure comprising:

a seizing element, disposed at the coupling face of the body; and
a outer lining, corresponding to the seizing element and disposed at the one end of the back cartridge, being able to be slid in parallel relative to the coupling face of the back cartridge, after the coupling face of the back cartridge is pressed toward the coupling face of the body face to face in vertical direction, the outer lining being slid in parallel relative to the coupling face of the back cartridge and being stuck by the seizing element so as to let the body and the back cartridge be coupled.

2. The back cartridge coupling structure of claim 1, wherein the outer lining further comprises a sliding clasp corresponding to one end of the seizing element, hooking up the end of the seizing element after the body is coupled with the back cartridge.

3. The back cartridge coupling structure of claim 1, wherein the shape of the seizing element is projecting and in parallel with the side edge of the coupling face of the body.

4. The back cartridge coupling structure of claim 3, wherein the shape of the seizing element is thinner at one end thereof that contacts with the outer lining first and thicker at another end thereof that contacts with the outer lining at a direction that is parallel to the sectional face of the coupling face of the body.

5. The back cartridge coupling structure of claim 4, wherein the shape of the seizing element is thinner at one end thereof that contacts with the outer lining first and thicker at another end thereof that contacts with the outer lining at a direction that is perpendicular to the sectional face of the coupling face of the body.

6. The back cartridge coupling structure of claim 1, wherein the outer lining further comprise a projecting column corresponding to a sliding groove of the back cartridge so as to let the outer lining be slid in parallel relative to the coupling face of the back cartridge when the projecting column is slid along the sliding groove.

- 5 7. The back cartridge coupling structure of claim 1, wherein the back cartridge further comprises a button corresponding to a detaining hole of the body so as to let the button be detained in the detaining hole when the body is coupled with the back cartridge.